



BRADLEY M. CAMPBELL LLC  
COUNSELORS AT LAW

January 28, 2014

By Federal Express

The Honorable Gina McCarthy  
Administrator  
United States Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

Subject: Paulsboro Drinking Water Issue

My dear Administrator:

As an alumnus of the Environmental Protection Agency (EPA), I would like to begin by thanking you for your superb leadership of the agency.

I am writing to you on behalf of the Borough of Paulsboro, New Jersey. The Borough's drinking water supply has been contaminated with perfluorochemical compounds (PFCs), such as perfluorononanoic acid (PFNA), perfluorooctanoic acid (PFOA), and perfluorooctanesulfonic acid (PFOS), originating from the Solvay Solexis Specialty Polymers USA, LLC (Solvay) facility in neighboring West Deptford, New Jersey.

Sampling of Paulsboro's public water supply wells in 2009 and 2013 has documented levels of PFNA, in particular, exceeding one hundred parts per trillion. These are among the highest levels reported in drinking water anywhere.

I am asking for your leadership in two respects.

First, and most urgently, I respectfully request that you direct the Office of Water to review, on an expedited basis, the advisory and fact sheet on PFNA that the New Jersey Department of Environmental Protection (NJDEP) recently provided to the residents of Paulsboro (enclosed). The Borough is concerned, in light of the state of the science on PFOA and PFOS, that any guidance, as well as any water treatment or supply changes, will be consistent with EPA's best judgment as to risk. While we realize that EPA's development of final guidance or advisories will take time, Paulsboro's residents, including sensitive subpopulations, are drinking water tainted with PFNA every day and authoritative interim guidance is needed.

INFO@BRADCAMPBELL.US

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MAIN 609 392 4300 / TELECOPIER 609 392 4311

1025 CONNECTICUT AVENUE, N.W. / SUITE 1000 / WASHINGTON D.C. 20036  
MAIN 202 327 5401 / TELECOPIER 202 327 5406

The Honorable Gina McCarthy  
PFNA in Drinking Water



January 28, 2014  
Page 2

Second, I understand that the Office of Water may soon request outside peer review of the documentation supporting final health advisories for chronic exposures to PFOA and PFOS in drinking water. The Borough urges you to have the Office of Water expand the scope of this effort to include the development of final health advisories for exposure to PFNA as well as PFOA and PFOS.

I would welcome a conversation with you or your designee concerning these requests. Thank you for your consideration and courtesies.

For the Borough of Paulsboro

Bradley M. Campbell  
Special Counsel to the Borough

BMC/ml  
Enclosure

c: Nancy Stoner  
Acting Assistant Administrator for the Office of Water  
United States Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

Ilek Kadeli  
Acting Assistant Administrator for the Office of Research and Development  
United States Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

Mary T. Cooke  
Office of Water  
United States Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

**Vaouli, Elena**

---

**From:** Escobar, Leah  
**Sent:** Wednesday, March 26, 2014 4:20 PM  
**To:** Gould, Stephen  
**Cc:** Vaouli, Elena  
**Subject:** RE: Perfluoro compounds  
**Attachments:** 21 march 2014 MayaPetition Decision.pdf; 21 March 2014 caluccio petition decision.pdf

Hi Steve,

As discussed last month, ATSDR has provided a petition decision letter to the Delaware River Keeper Network, advising ATSDR and our cooperative agreement partners, the NJ DOH, have accepted the petition for the site. Are you able to provide the EPA response letter to Bradley Campbell?

If you have any further questions about the petition, please feel free to contact me.

Thank you,  
Leah Graziano, R.S.  
Regional Director, Region 2  
Division of Community Health Investigations/Eastern Branch  
Agency for Toxic Substances and Disease Registry (ATSDR)  
2890 Woodbridge Ave  
Edison, NJ 08837  
Phone: 732-906-6932  
Email: lge2@cdc.gov  
(Please note my last name has changed.)

---

**From:** Gould, Stephen  
**Sent:** Tuesday, February 18, 2014 4:13 PM  
**To:** Escobar, Leah  
**Subject:** RE: Perfluoro compounds

Thank you Leah. I just spoke with Gloria and she mentioned the Power Point presentation. She sent me some additional links and papers that I'm going to forward to you now.

---

**From:** Escobar, Leah  
**Sent:** Tuesday, February 18, 2014 3:04 PM  
**To:** Gould, Stephen  
**Subject:** RE: Perfluoro compounds

Hi Steve,

I've attached a presentation Gloria Post provided to me last summer, when we discussed the Solvay Solexis issue.

Thank you for calling this afternoon.

---

**From:** Gould, Stephen  
**Sent:** Tuesday, February 18, 2014 2:03 PM

**To:** Escobar, Leah  
**Subject:** RE: Perfluoro compounds

Leah,

Thank you for getting back to me. I also wrote to Elena as I didn't know who would be in the office today. I'll phone at 2:30. Meanwhile, attached are the Bradley Campbell letter and a Fact Sheet on perflurononanoic acid prepared by NJDEP.

Steve Gould  
U.S. Environmental Protection Agency  
290 Broadway – 24<sup>th</sup> floor  
New York, NY 10007  
(212) 637-3822

---

**From:** Escobar, Leah  
**Sent:** Tuesday, February 18, 2014 11:51 AM  
**To:** Gould, Stephen  
**Cc:** Vaouli, Elena  
**Subject:** RE: Perfluoro compounds

Hi Steve,

I am available this afternoon to discuss the petition ATSDR has received regarding PFNA in drinking water in Paulsboro and how the petition process works at ATSDR. Please feel free to call me at 732-906-6932, anytime after 1pm, today.

Also, Elena Vaouli is part of my staff. I understand you emailed her the same query.

Is it possible to share the letter Bradley Campbell sent to EPA?

Thank you,  
Leah Graziano, R.S.  
Regional Director, Region 2  
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**From:** Gould, Stephen  
**Sent:** Tuesday, February 18, 2014 7:51 AM  
**To:** Escobar, Leah  
**Subject:** Perfluoro compounds

Dear Ms. Graziano,



EPA is responding to a letter from former NJDEP Environmental Commissioner Bradley Campbell about what EPA is doing to conduct the necessary toxicity testing to come up with a Health Advisory or MCL for the perfluoro compounds PFOA, PFOS and PFNA. He is writing on behalf of citizens in the Borough of Paulsboro (Gloucester County, NJ) who have 0.14 ppb of perfluorononanoic acid(PNA) in their water supply. I understand that ASTDR has become involved in health studies pertaining to this problem.

May I speak with you or with one of your staff later today about what exactly ASTDR plans to look at? Will you be doing any testing of blood and tissues in workers at Solvay Solexis or at DuPont's Deepwater plant?

Sincerely,

Steve Gould  
U.S. Environmental Protection Agency  
290 Broadway – 24<sup>th</sup> floor  
New York, NY 10007  
(212) 637-3822

Ms. Tracy Carluccio  
Deputy Director  
Delaware River Keeper Network  
925 Canal Street, Suite 3701  
Bristol, Pennsylvania 19007

(and send the same letter to)

Ms. Maya van Rossum  
Delaware River Keeper Network  
925 Canal Street, Suite 3701  
Bristol, Pennsylvania 19007

Dear Ms. Carluccio/ Ms. van Rossum:

Thank you for your August 2, 2013, petition to the Agency for Toxic Substances and Disease Registry (ATSDR) describing your concern that residents could be exposed to various perfluorinated chemicals (PFCs) that have been measured in the environment and may have been released from the Solvay Solexis facility in Thorofare, New Jersey. As described in our letter dated October 31, 2013, ATSDR in coordination with the New Jersey Department of Health (DOH) gathered and reviewed the available environmental sampling data and background information for the site and potential exposure pathways. This letter provides information on the results of that review.

ATSDR has concluded that there is sufficient sampling data to evaluate whether exposures to PFCs in the Paulsboro municipal wells were at levels of possible health concern. Please note our evaluation will not be able to determine the cause of any disease or medical condition experienced by any individual or the community as a whole. Additionally, as a non-regulatory agency, our analysis will not evaluate the environmental investigation or clean-up activities conducted by other agencies.

**Vaouli, Elena**

---

**From:** Escobar, Leah  
**Sent:** Tuesday, February 18, 2014 2:28 PM  
**To:** 'Jerald.Fagliano@doh.state.nj.us'; somia.aluwalia@doh.state.nj.us  
**Cc:** Ulirsch, Gregory V. (Greg) (ATSDR/DCHI/EB); Vaouli, Elena  
**Subject:** FW: Perfluoro compounds  
**Attachments:** Campbell letter page 1.pdf; Campbell letter page 2.pdf; PFC Fact Sheet Page 1.pdf; PFC Fact Sheet Page 2.pdf

FYI. I will let everyone know if there anything of interest from my discussion with Steve at 2:30pm today.

---

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Sincerely,

Steve Gould

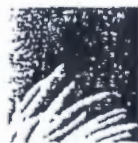
U.S. Environmental Protection Agency

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PFNA in Drinking Water



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I would welcome a conversation with you or your designee concerning these requests. Thank you for your consideration and courtesies.

For the Borough of Paulsboro

A handwritten signature in dark ink, appearing to read "B. Campbell".

Bradley M. Campbell  
Special Counsel to the Borough

BMC/md  
Enclosure

c: Nancy Stoner  
Acting Assistant Administrator for the Office of Water  
United States Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

Lek Kadell  
Acting Assistant Administrator for the Office of Research and Development  
United States Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

Mary T. Cooke  
Office of Water  
United States Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

**Vaouli, Elena**

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Sincerely,

Steve Gould  
U.S. Environmental Protection Agency  
290 Broadway – 24<sup>th</sup> floor



**Vaouli, Elena**

---

**From:** Vaouli, Elena  
**Sent:** Tuesday, February 18, 2014 7:58 AM  
**To:** Escobar, Leah  
**Subject:** RE: Perfluoro compounds

Ok sounds right.

---

**From:** Escobar, Leah  
**Sent:** Tuesday, February 18, 2014 7:57 AM  
**To:** Vaouli, Elena; Greg Ulirsch  
**Subject:** RE: Perfluoro compounds

We will have a coordinated response from our office. I am sure, now, that he is on a fishing expedition.

---

**From:** Vaouli, Elena  
**Sent:** Tuesday, February 18, 2014 7:55 AM  
**To:** Escobar, Leah; Greg Ulirsch  
**Subject:** RE: Perfluoro compounds

Ok . I got the same message from him.

---

**From:** Escobar, Leah  
**Sent:** Tuesday, February 18, 2014 7:53 AM  
**To:** Greg Ulirsch; Vaouli, Elena  
**Subject:** Fw: Perfluoro compounds

FYI. I can wait to discuss this with him, until we have a chance to let DOH know on the TPT.

---

**From:** Gould, Stephen  
**Sent:** Tuesday, February 18, 2014 7:50:40 AM  
**To:** Escobar, Leah  
**Subject:** Perfluoro compounds

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**Vaouli, Elena**

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290 Broadway – 24<sup>th</sup> floor  
New York, NY 10007  
(212) 637-3822

**Vaouli, Elena**

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**Sent:** Tuesday, February 18, 2014 7:55 AM  
**To:** Escobar, Leah; Greg Ullirsch  
**Subject:** RE: Perfluoro compounds

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Cc: Escobar, Leah

Subject: RE: Petition to ATSDR regarding the Solvay Solexis facility

Sure, Leah (Escobar) Graziano (ATSDR Region 2) would like to join us as well. I'm available after 2 pm tomorrow.

---

From: Post, Gloria [mailto:Gloria.Post@dep.state.nj.us]

Sent: Wednesday, August 07, 2013 3:18 PM

To: Maddaloni, Mark

Subject: RE: Petition to ATSDR regarding the Solvay Solexis facility

I know a lot about this. Do you want to talk on the phone and then I can send you the background information?

---

From: Maddaloni, Mark [mailto:Maddaloni.Mark@epa.gov]

Sent: Wednesday, August 07, 2013 3:17 PM

To: Post, Gloria

Subject: FW: Petition to ATSDR regarding the Solvay Solexis facility

Hi Gloria,

I suspect you may know something about this. Any insights to share?

Regards

---

From: Escobar, Leah

Sent: Wednesday, August 07, 2013 2:24 PM

To: Maddaloni, Mark

Subject: FW: Petition to ATSDR regarding the Solvay Solexis facility

The Delaware Riverkeeper Network has sent a petition to ATSDR for a public health assessment of perfluorononanoate (PFNA or C9) from the Solvay Solexis facility in West Deptford, NJ, which is impacting the drinking water supply of Paulsboro, NJ according to tests of samples taken by NJDEP in 2009. From the Riverkeeper's web site, here is their press release and petition documents:

<http://www.delawareriverkeeper.org/resources/PressReleases/press%20release%20ATSDR%20PFNA%208.5.13.pdf>

<http://www.delawareriverkeeper.org/resources/Letters/ATSDR%20Petition%20Final%208.2.13.pdf>

<http://www.delawareriverkeeper.org/resources/PressReleases/Attachments%20-%20All.pdf>

The Riverkeeper's petition is dated August 2 and was sent to ATSDR's Assistant Administrator. There was an article in the press about the petition late yesterday:

[http://www.nj.com/gloucester-county/index.ssf/2013/08/delaware\\_river\\_group\\_raises\\_alarm\\_over\\_water\\_quality\\_in\\_paulsboro.html](http://www.nj.com/gloucester-county/index.ssf/2013/08/delaware_river_group_raises_alarm_over_water_quality_in_paulsboro.html)

Once you have had a chance to look over these materials, we should talk about next steps.

- Jerry

Jerald A. Fagliano, M.P.H., Ph.D.  
Environmental & Occupational Health Surveillance Program  
New Jersey Department of Health  
Program Phone: (609) 826-4984  
Program Fax: (609) 826-4983

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**Sent:** Wednesday, August 07, 2013 3:51 PM  
**To:** Maddaloni, Mark  
**Cc:** Escobar, Leah  
**Subject:** RE: Petition to ATSDR regarding the Solvay Solexis facility

I am available then too. I noticed that the email was sent by Jerry Fagliano of the NJ DOH. Should we ask him to join too?

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**Cc:** Escobar, Leah  
**Subject:** RE: Petition to ATSDR regarding the Solvay Solexis facility

Sure, Leah (Escobar) Graziano (ATSDR Region 2) would like to join us as well. I'm available after 2 pm tomorrow.

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## Escobar, Leah

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**From:** Post, Gloria <Gloria.Post@dep.state.nj.us>  
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Leah,

Thanks for the explanation. I have not been involved with the ATSDR petition process before, so thanks for clarifying.

I can share the relevant technical information, since I have been looking at this issue for the past few months as part of our evaluation of the results of the 2009 NJDEP study of occurrence of 10 perfluorinated chemicals in NJ public drinking water.

Do you want me to send the documents with relevant background information now, so you can look at it before the call? They are not too long.

I am also copying Jerry on this email.

Thanks,  
Gloria

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**From:** Escobar, Leah [mailto:Escobar.Leah@epa.gov]  
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Thanks Mark and Gloria,

I am also available after 2pm tomorrow. I just want to note that ATSDR was only made aware of this petition yesterday, via news media. ATSDR has a petition coordinator in our HQ in Atlanta, who will determine whether ATSDR will accept the petition or not. I am just trying to get some pre-emptive leg work completed, in anticipation of the internal meeting ATSDR will hold to determine whether the agency has enough data and information to accept the petition.

If needed, I have a bridgeline we can use to have the call. Just let me know!

Take care

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Once you have had a chance to look over these materials, we should talk about next steps.

- Jerry

Jerald A. Fagliano, M.P.H., Ph.D.  
Environmental & Occupational Health Surveillance Program  
New Jersey Department of Health  
Program Phone: (609) 826-4984  
Program Fax: (609) 826-4983  
Desk Phone: (609) 826-4945

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## Escobar, Leah

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**From:** Post, Gloria <Gloria.Post@dep.state.nj.us>  
**Sent:** Wednesday, August 07, 2013 3:59 PM  
**To:** Escobar, Leah  
**Subject:** RE: Petition to ATSDR regarding the Solvay Solexis facility

I can call Jerry if you want. We work on a lot of things together. Are you free at 2 tomorrow?  
I have a lot of information on this, so it's great that I will have a chance to share with you and Mark.

---

**From:** Escobar, Leah [mailto:Escobar.Leah@epa.gov]  
**Sent:** Wednesday, August 07, 2013 3:56 PM  
**To:** Post, Gloria; Maddaloni, Mark  
**Subject:** RE: Petition to ATSDR regarding the Solvay Solexis facility

And I can ask Jerry to participate, too or one of his staff. This is again an information gathering exercise.

---

**From:** Post, Gloria [mailto:Gloria.Post@dep.state.nj.us]  
**Sent:** Wednesday, August 07, 2013 3:51 PM  
**To:** Maddaloni, Mark  
**Cc:** Escobar, Leah  
**Subject:** RE: Petition to ATSDR regarding the Solvay Solexis facility

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**Escobar, Leah**

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**From:** Maddaloni, Mark  
**Sent:** Wednesday, August 07, 2013 3:26 PM  
**To:** Escobar, Leah  
**Subject:** FW: Petition to ATSDR regarding the Solvay Solexis facility

Care to join us?

---

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Once you have had a chance to look over these materials, we should talk about next steps.

- Jerry



## Escobar, Leah

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**From:** Post, Gloria <Gloria.Post@dep.state.nj.us>  
**Sent:** Wednesday, August 07, 2013 5:32 PM  
**To:** Maddaloni, Mark; Escobar, Leah  
**Cc:** jerald.fagliano@doh.state.nj.us  
**Subject:** RE: Petition to ATSDR regarding the Solvay Solexis facility

Mark,

Leah and Jerry both said 2 is good for them, and it's good for me, too. So we should all plan on 2 PM. I am writing an email now with relevant background info attached, and I will send it in a few minutes. I think that will be a good basis for our discussion.

Thanks for providing a phone line.

Gloria

---

**From:** Maddaloni, Mark [mailto:Maddaloni.Mark@epa.gov]  
**Sent:** Wednesday, August 07, 2013 5:30 PM  
**To:** Post, Gloria; Escobar, Leah  
**Cc:** jerald.fagliano@doh.state.nj.us  
**Subject:** RE: Petition to ATSDR regarding the Solvay Solexis facility

Let's agree on a time for the call tomorrow afternoon. Does 2 pm work for all? We can use the following conference line

1 866 299 3188 AC 212 637 5035#

---

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The Riverkeeper's petition is dated August 2 and was sent to ATSDR's Assistant Administrator. There was an article in the press about the petition late yesterday:

## Escobar, Leah

---

**From:** Vaouli, Elena  
**Sent:** Tuesday, February 18, 2014 7:58 AM  
**To:** Escobar, Leah  
**Subject:** RE: Perfluoro compounds

Ok sounds right.

---

**From:** Escobar, Leah  
**Sent:** Tuesday, February 18, 2014 7:57 AM  
**To:** Vaouli, Elena; Greg Ulirsch  
**Subject:** RE: Perfluoro compounds

We will have a coordinated response from our office. I am sure, now, that he is on a fishing expedition.

---

**From:** Vaouli, Elena  
**Sent:** Tuesday, February 18, 2014 7:55 AM  
**To:** Escobar, Leah; Greg Ulirsch  
**Subject:** RE: Perfluoro compounds

Ok . I got the same message from him.

---

**From:** Escobar, Leah  
**Sent:** Tuesday, February 18, 2014 7:53 AM  
**To:** Greg Ulirsch; Vaouli, Elena  
**Subject:** Fw: Perfluoro compounds

FYI. I can wait to discuss this with him, until we have a chance to let DOH know on the TPT.

---

**From:** Gould, Stephen  
**Sent:** Tuesday, February 18, 2014 7:50:40 AM  
**To:** Escobar, Leah  
**Subject:** Perfluoro compounds

Dear Ms. Graziano,

EPA is responding to a letter from former NJDEP Environmental Commissioner Bradley Campbell about what EPA is doing to conduct the necessary toxicity testing to come up with a Health Advisory or MCL for the perfluoro compounds PFOA, PFOS and PFNA. He is writing on behalf of citizens in the Borough of Paulsboro (Gloucester County, NJ) who have 0.14 ppb of perfluorononanoic acid(PNA) in their water supply. I understand that ASTDR has become involved in health studies pertaining to this problem.

May I speak with you or with one of your staff later today about what exactly ASTDR plans to look at? Will you be doing any testing of blood and tissues in workers at Solvay Solexis or at DuPont's Deepwater plant?

Sincerely,

Steve Gould  
U.S. Environmental Protection Agency

290 Broadway – 24<sup>th</sup> floor  
New York, NY 10007  
(212) 637-3822



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